



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Balrampura/269

Date : 19.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Koeliha, Block – Balrampur
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 19.06.23

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~Upton~~

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.



Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R _{mf} & R _w
1	35 – 41	6	Good, Fine to medium sand	R_{mf} = 24.2 Ωm
2	45 – 50	5	Good, Fine to medium sand	R_w = 25.6 Ωm
3	67 – 78	11	Good, Fine to medium sand	
4	83 – 90	7	Good, Fine to medium sand	
5	104 – 111	7	Good, Fine to medium sand	
6	117 – 121	4	Good, Fine to medium sand	
7	133 – 138	5	Good, Fine to medium sand	
8	143 – 146	3	Good, Fine to medium sand	
9	155 – 161	6	Good, Fine to medium sand	

Remark : ~~Almost all zones are intermixed with fine bands of kankar.~~

CC : Executive Engineer (E/M Div) U P Jal Nigam (Gramin), Gonda

Verified as per
logs provided

G.S.H.
20/06/23



(A.K. Singh)
Geophysicist